

(19) World Intellectual Property
Organization
International Bureau



PCT

538,641
10 JUN 2005



(43) International Publication Date
8 July 2004 (08.07.2004)

(10) International Publication Number
WO 2004/056475 A1

- (51) International Patent Classification⁷: B01J 29/04, 35/10, C07C 6/12, C10G 29/20
- (21) International Application Number: PCT/EP2003/014519
- (22) International Filing Date: 15 December 2003 (15.12.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
MI2002 A 002712
20 December 2002 (20.12.2002) IT
- (71) Applicant (for all designated States except US):
POLIMERI EUROPA S.p.A. [IT/IT]; Via E. Fermi
4, I-72100 Brindisi (IT).
- (72) Inventors; and
(75) Inventors/Applicants (for US only): BENCINI, Elena
[IT/IT]; Via Cisa 86/T, I-46030 Virgilio (IT). GIROTTI,
Gianni [IT/IT]; Vicolo San Nicola 7, I-28100 Novara (IT).
- (74) Agents: DE GREGORI, Antonella et al.; Ing. Barzanò
& Zanardo Milano S.p.A., Via Bergonnovo, 10, I-20121
Milan (IT).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,
CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE,
GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR,
KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK,
MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT,
RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR,
TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (BW, GH,
GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),

[Continued on next page]

(54) Title: CATALYTIC COMPOSITION AND PROCESS FOR THE TRANSALKYLATION OF AROMATIC HYDROCARBONS



(57) Abstract: A catalytic composition is described for the transalkylation of aromatic hydrocarbons comprising a zeolite and an inorganic binder, characterized by an extra-zeolitic porosity, i.e. the porosity obtained by adding the mesoporosity and the macroporosity fractions present in the catalytic composition, higher than or equal to 0.7 cc/g, which is such as to consist for a fraction of at least 30% of pores having a diameter greater than 100 nanometers. These catalytic compositions have a crushing strength not lower than 1.7 kg/mm and an apparent density not higher than 0.5 g/cc. A process is also described for the transalkylation of polyalkylated aromatic hydrocarbons which uses these catalytic compositions.

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